

NWS Fire Weather Services Meeting – 2015

I. Introduction

- a. Kelly Allen – Fire Weather Program Manager, Riverton, WY
Zach Finch – IMET, Asst. Fire Weather Program Manager, Cheyenne, WY
- b. 2014 Review

II. Agenda

a. Fuels Discussion

- i. Great Basin AOP Meeting – new method? Change status update time?
- ii. Fuel Loads
- iii. Partnership – this is the only warning decision we structure this way.

b. FWF, DAF, and NDFRS Forecast Issuance

c. Multimedia Briefings / Emails

- i. New program!
- ii. Remove cr.wxriw@noaa.gov from spam list

d. New Webpage Designs

e. Spot Feedback & New Spot Forecast Website Status Update

- i. Lat/Longs
- ii. Valid Times
- iii. Trending vent rate or just maximum value?
- iv. Automated verification page from Univ of Utah

f. Smoke Management Forecast vs Spot?

- i. Would you benefit from a SMF or would you still need a Spot for regulatory purposes?
New smoke management webpage linked off of our web page.

FLZ041-220900- INLAND VOLUSIA- INCLUDING THE CITIES OF...DE LAND 236 PM EST FRI NOV 21 2014					WEST CENTRAL FLORIDA DISPERSION FORECAST UPDATE NATIONAL WEATHER SERVICE TAMPA BAY AREA - RUSKIN FL 1112 AM EST FRI NOV 21 2014				
	TONIGHT								
CLOUD COVER	9PM PCLDY	MIDNIGHT PCLDY	3AM PCLDY	6AM PCLDY					
CEILING	NO CIG	NO CIG	NO CIG	NO CIG					
RH %	74	80	89	96					
MIXING HGT (FT)	500	500	600	600					
WIND/(20 FT MPH)	NE 5	NE 5	NE 6	NE 5					
TRANSPORT WND (MPH)	NE 16	NE 13	E 9	E 8					
DISPERSION INDEX	12	9	7	6					
LVORI	4	5	6	6					
MAX LVORI			6	6					
REMARKS...MAXIMUM LVORI VALUES ARE BETWEEN MIDNIGHT AND 7 AM.					FLZ239-212115- INLAND LEVY- INCLUDING THE CITIES OF...CHIEFLAND...BRONSON...WILLISTON 1112 AM EST FRI NOV 21 2014				
	PARAMETER...	TONIGHT							
CLOUD AMOUNT.....	PCLDY								
CEILING HEIGHT.....	NO CEILING								
20FT WIND MPH(RM).....	NE 5								
MIXING HGT (FT-AGL).....	200								
TRANSPORT WIND (MPH).....	NE 7								
DISPERSION INDEX.....	3								
MAX LVORI.....	9								

FMUS75 KSLC 051707	
SMFSLC	
SALT LAKE CITY FIRE WEATHER OFFICE...SMOKE MANAGEMENT FORECAST	
NATIONAL WEATHER SERVICE SALT LAKE CITY UTAH	
1105 AM MDT SUN OCT 5 2014.....WILENSKY	
...NOTE...THIS WILL BE THE LAST SMOKE MANAGEMENT FORECAST OF THE	
2014 SEASON. HAVE A GOOD WINTER EVERYONE AND SEE YOU ALL NEXT	
SPRING...	
.DISCUSSION...DRY STABLE CONDITIONS WILL PERSIST THROUGH MID WEEK	
WITH MAINLY DIURNAL SLOPE WINDS, THIS WILL KEEP TRANSPORT WINDS	
LIGHT AND CLEARING INDICES GENERALLY BELOW 500 IN MOST AREAS.	
TRANSPORT WINDS WILL BE SLIGHTLY STRONGER IN THE AFTERNOONS OVER THE	
HIGHER TERRAIN OF NORTHEASTERN UTAH RAISING CLEARING INDICES ABOVE	
500 IN THESE AREAS.	
A GRAPHICAL VERSION OF THE CLEARING INDEX IS AVAILABLE AT:	
HTTP://WWW.WRH.NOAA.GOV/SLC/PROJECTS/IFP/HTML/CLRINDEX.HTML	
USE ALL LOWER CASE LETTERS IN THE WEB ADDRESS.	
* ALL HEIGHTS ARE ABOVE SEA LEVEL (ASL) UNLESS NOTED OTHERWISE *	

...AIR SHED 1...	

TODAY...	
AFTERNOON MIXING HEIGHT..... 8500	
TRANSPORT WINDS..... NW 6	
CLEARING INDEX..... 250	
TOMORROW...	
AFTERNOON MIXING HEIGHT..... 9200	
TRANSPORT WINDS..... NW 7	
CLEARING INDEX..... 340	
TUESDAY...	
AFTERNOON MIXING HEIGHT..... 8600	
TRANSPORT WINDS..... W 5	
CLEARING INDEX..... 190	
WEDNESDAY...	
AFTERNOON MIXING HEIGHT..... 8700	
TRANSPORT WINDS..... W 5	
CLEARING INDEX..... 130	
...AIR SHED 2...	

TODAY...	
AFTERNOON MIXING HEIGHT..... 10800	
TRANSPORT WINDS..... N 12	
CLEARING INDEX..... 600	

III. Seasonal Outlook

Some FYI's

a. **NWSchat live** – go to “wyfirechat” room and/or the “riwchat” room

-Sign up for an account here: <https://nwschat.weather.gov/create.php>

-Then, sign into the web interface here (after you take the brief training - which basically just states that you won't use foul language in the chat, basic stuff like that...):

<https://nwschat.weather.gov/live/>

-Once you have signed in, go to the bottom left hand corner and expand the "Chatrooms" menu by clicking on the plus sign to the right of the word Chatrooms. Find "riwchat" and join. It may take a day or so before you can join the "wyfirechat" group (it takes a while for the system to recognize you as a member for that room because it is a closed room). So just remember to go back in the next day and join the fire chat. While you are joining a chat, you can check the "auto join upon start" option...which is recommended so you don't have to find our chats every time you logon.

b. **Decision Support Pages**

Page Example: http://www.crh.noaa.gov/riw/?n=yellowstone_DSS (accessible until June)

DSS Pages are available for any high-impact or recurring event, including wildfires and high risk prescribed burns. These pages can be linked at the top of our web page or they can be kept private and you will be given a direct link to your site. DSS Pages for wildfires often include:

1. An interactive map with fire perimeter(s)
2. Links to important pages / inciweb page for fire
3. Closest observations (RAWS, ASOS, other)
4. Forecast information for nearest point
5. Relevant web cams
6. Satellite and Radar loops
7. Dynamic watch/warning map from the NWS
8. Critical Fire Area Maps from the Storm Prediction Center and Thunderstorm Forecasts
9. USFS Fire Danger & Fuels, Pocket Card

c. **Spring burning Campaign** weather.gov/riverton/?n=agburning (until April 3)

NEW: weather.gov/riverton/agburning

d. **Burn Scar Flooding Maps** http://www.crh.noaa.gov/riw/?n=floodweekwy_burnscar (Until April 3)

NEW: weather.gov/riverton/floodweekwy_burnscar

e. **Mobile Friendly Pages:** mobile.weather.gov & innovation.srh.noaa.gov/NWSwidget

f. **County EM pages**

<http://www.crh.noaa.gov/riw/?n=embrief> (until April 3) NEW: weather.gov/riverton/embrief

g. **WYOLink** – contact us on NWS RIV (we can't contact you but we can answer you if you get a hold of us on our channel)

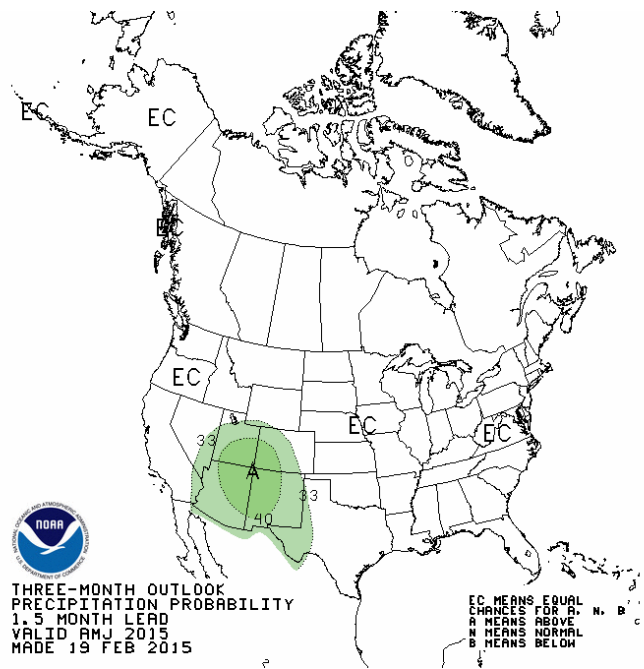
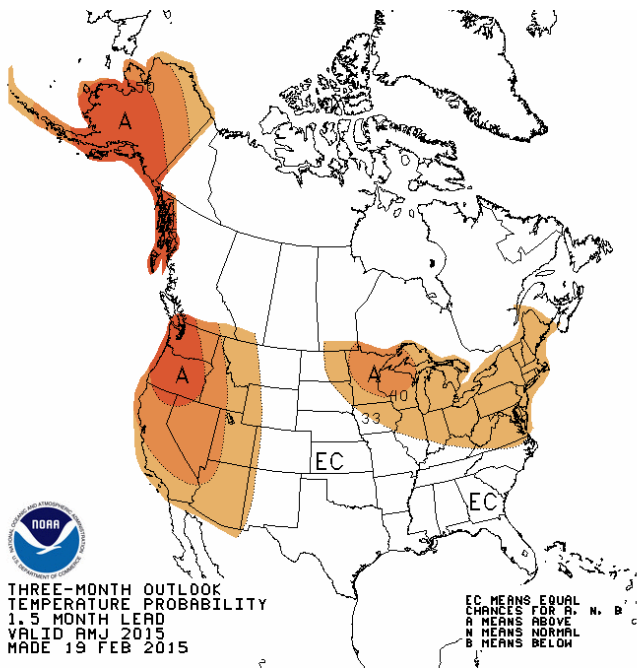
h. **“Save your Bacon”** weather tips presentation for wildland firefighters

i. **Weather Ready Nation Ambassadors**

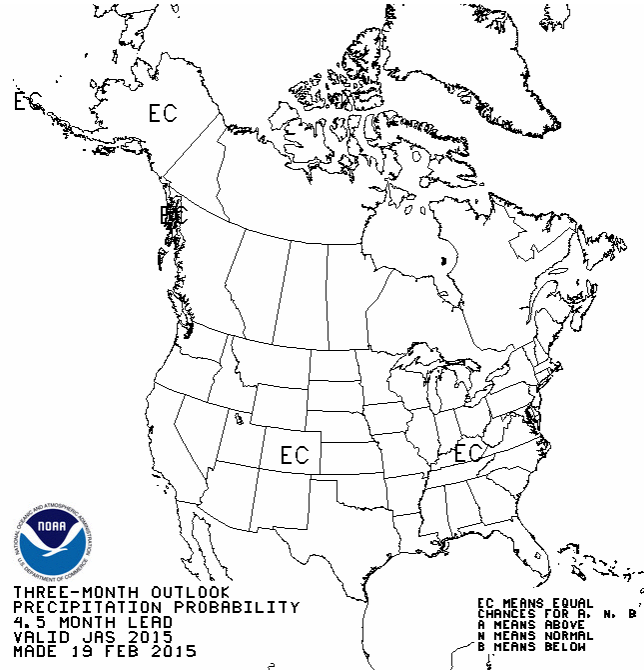
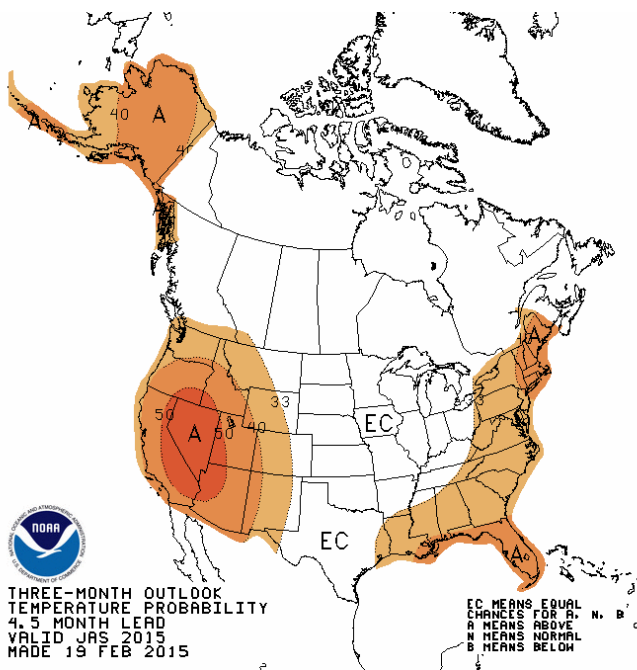
j. **Contacts up to date?**

Seasonal Climate Predictions:

Apr/May/June:



July/August/September:



Casper Average Temperatures

April: 57/29	July: 88/53
May: 67/37	August: 86/52
June: 79/46	September: 74/41

Casper Average Precipitation

April: 1.29"	July: 1.41"
May: 2.02"	August: 0.85"
June: 1.61"	September: 1.08"